

PHASE I BOOK EXPLOITATION

SOV/5075

Martynov, A.D., Candidate of Technical Sciences

Tekhnologiya izgotovleniya metallovezhushchikh instrumentov; rukovodyashchiye materialy. vyp. 6: Kontrol' razmernykh parametrov rezhushchikh instrumentov (Manufacturing Processes of Metal-Cutting Tools; Guidance Materials. No. 6: Dimensional Inspection of Cutting Tools) Moscow, Mashgiz, 1960. 172 p. 5,300 copies printed.

Sponsoring Agency: Gosudarstvennyy komitet Soveta Ministrov Soyuzo SSR po avtomatizatsii i mashinostroyeniyu, and Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut (VNII).

Tech. Ed.: A.Ya. Tikhanov; Managing Ed. for Literature on Metalworking and Machine-Tool Making: V.V. Rzhavinskiy, Engineer.

PURPOSE: This book is intended for employees of toolmaking plants and shops.

COVERAGE: The author discusses the general classification of dimensional parameters of cutting tools and of their inspection methods. Universal and special

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Manufacturing Processes of Metal-Cutting Tools (Cont.) SOV/5075

instruments used in measuring the dimensions of cutting tools are described. The author includes detailed methods for inspecting separate dimensional parameters of the more widely used types of cutting tools. No personalities are mentioned. There are 9 references, all Soviet.

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~~Card 2/5~~

LARIN, M.N., doktor tekhn.nauk, prof.; TSYGANOVA, M.P., inzh.; TAMBOVTSEV, S.S., kand. tekhn. nauk; MITYAKOV, A.V., inzh.; PETROSYAN, L.K., kand. tekhn. nauk; CHERNOUSENKO, A.P., inzh.; BUDNIKOV, N.Ye., inzh.; MARTYNOV, A.D., kand. tekhn. nauk; IVANOVA, N.A., red. izd-va; GORDEYEVA, L.P., tekhn. red.

[High-production designs of form cutters and their efficient use] Vy-sokoproizvoditel'nye konstruktsii fazonnykh frez i ikh ratsional'naya ekspluatatsiya. Pod red. M.N.Larina. Moskva, Mashgiz, 1961. 174 p. (MIRA 14:12)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut. 2. Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut, Moscow (for all except Ivanova, Gordeyeva)
(Metal-cutting tools)

S/G28/62/000/006/001/01
D234/D308

AUTHOR: Martynov, A.D.

TITLE: Participation of scientific research institutes in
the assessing the quality of production

PERIODICAL: Standartizatsiya, no. 6, 1962, 40

ABST: Checking of quality of production of the largest instrument plants ('Prezer' in. Kalinin. Sestroretsk plant im. Voskov, Tomsk, Orenburg, L'vov and Tashkent plants) carried out by the Vsesoyuznyy nauchno-issledovatel'skiy institut instrumental'noy promyshlennosti (All Union Scientific Research Institute of the Instrument Industry) (VNII) jointly with the representatives of the Committee of standards, measures and measuring instruments showed that the bulk of instruments is not produced in accordance with standard requirements. The study gave comparative data on the quality of production of individual factories. The percentage of instruments deviating from standard requirements and the average number of defects of each type of instrument were taken into account. For instance, the instruments produced by the Tomsk factory were recognized as the best in
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Participation of scientific ...

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D234/D308

dimensional parameters, and those produced by 'Frezer' im. Kalinin as the best in the quality of thermal treatment. Those produced by the Tashkent factory were found to be the worst. All the factories were invited to work out measures for eliminating the defects. Checking performed in the second half of the year showed that instrument plants at Orenburg, Tomsk, Sestroretsk and L'vov had attained the best results, having reduced the defects by 20 to 30 %. VNII has worked out suggestions to make technical requirements for instruments more precise. It was found necessary to assist the plants in developing technical measures in order to improve the quality of production. Accordingly, subjects of scientific research were included in the plan of the institute for 1962. It was found necessary for other research institutes to carry out similar work in corresponding branches of industry.

Card 2/2

MARTYNOV, Aleksey Dmitriyevich; KOBLYAKOV, L.M., red.; DEYEVA, V.M.,
tekh.n.red.

[Correct spacing in checkrowing corn] Pravil'nye kvadraty pri
poseve kukuruzy. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960.
28 p. (MIRA 13:12)

1. Glavnyy inzhener Ministerstva sel'skogo khozyaystva Udmurtskoy
ASSR (for Martynov).
(Corn (Maize)) (Planters (Agricultural machinery))

MARTYNOV, A.F., inzh.; SUMIN, I.P., inzh.; ZOL'NIKOV, V.V., inzh.;
FAZALOV, G.T., inzh.; MANUNOV, G.I., inzh.

New method of calculating column charges. Vzryv. delo
nc.55/12:29-44 '64. (MIRA 17:10)

BASKIN, V.E., D'YACHENKO, A.S.; MAYKAPAH, G.I.; MARTYNOV, A.I. (Moskva)

Investigating air flows and loads on helicopter rotor blades in
a horizontal flight. Inzh. zhur. 3 no.3:446-459 '63.
(MIRA 16:10)

(Helicopters)

KRYLOVA, I.A.; ZADACHENKO, V.P.; MARTYN V, A.P.; LOMIVIL, I.

Polyclinical prevention and active treatment of the coronary blood circulation. Collected. 1965. 165.

1. Kafedra geriatricheskoy (prof. I. Ye. Lukatskiy) II Mosk. gos. medits. in-
stituta imeni P. I. Pirogova i poliklinika No. 8 (ved. vrach Ye. P. Gur'eva).

MARTYNOV, A. K.

Lobovoe soprotivlenie fiuzeliazha samoleta. Sravnitel'nye ispytaniia fiuzeliazha i ego modelei. Moskva, 1931. 75 p., illus., diags. (TSAGI. Trudy, no. 67)

Summary in English.

Title tr.: Aircraft fuselage drag. Comparative testing of fuselage and its models.

QA911.M65 no. 67

SO: Aeronautical Science and Aviation in the Soviet Union, Library of Congress, 1955.

МАРТЫНОВ, А. [K]

Глиссер как транспортное средство. /Sea-glider as a means of transportation/.
(Vodnyi transport, 1934, no. 12, p. 15-17; illus.).

DLC: HE561.R8

80: Soviet Transportation and Communication, A Bibliography. Library of Congress,
Reference Department, Washington, 1952, Unclassified.

Summary, ACCIDENTAL ON TANTINOVICH.

Issledovanie raboty onerenia samoleta metodom raspredelenia davlenia.
Moskva, 1934. 38 p., tables, diagrs. (TSAGI. Trudy, no. 163).

Summary in English.

Title tr.: Pressure distribution tests of airplane tail units.

TSAGI. Trudy no. 163

SC: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

MARTYNOV, A.K., and E.I. Kolosov .

Materialy po staticheskoi prodel'noi ustoiчивosti i upravlianiu samoleta
(raschet operenii). Moskva, 1936. 92 p. tables, diagrams. (TSAM. Trudy, no. 2)

Summary in English.

Bibliographical footnotes.

Prilozhenie: Atlas kharakteristik $C_y C_x C_{sh}$ ispytannykh operenii: . . 57-82.

Title tr.: Some data on the static longitudinal stability and control of airplanes
(design of control surfaces).

Supplement: Atlas of characteristics of $C_y C_x C_{sh}$ tested empennages.

QA911. M5 no.278

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1959

MARTYNOV, A. K.

Uluchshenie aerodinamiki nekotorykh chastei seriinykh samoletov.
(Tekhnika vozdushnogo flota, 1943, no. 11/12, p. 1-6, illus., diagsr.)

Title tr.: Improvement in aerodynamic efficiency of certain parts of
series-produced aircraft.

TL504.Th 1943

SC: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

MARTYNOV, A.K.; OSTOSLAVSKIY, I.V., prof., retsenzent; BURAGO, G.F., prof.,
retsenzent; ZAKS, N.A., dotsent, retsenzent; STRIZHEVSKIY, S.Ya.,
dotsent, retsenzent; KOTLYAR, Ya.M., red.; ZUDAKIN, I.M., tekhn.red.

[Experimental aerodynamics] Eksperimental'naya aerodinamika.
Moskva, Gos.izd-vo obor.promyshl., 1950. 475 p.

(MIRA 13:7)

(Aerodynamics)

MARTYNOV, A.K.

Rukovodstvo k Prakticheskim Tsyaniyam v Aerodinamicheskoy
Laboratorii (A Manual for Practical Exercises in the Aero-
dynamics Laboratory), by A. K. Martynov and D. S. Gorshenin,
Moscow, Oborongiz, 1956, 136 pp

This work contains 19 laboratory exercises "most illustrative of the typical aerodynamics experiment." The exercises were designed for the aerodynamics laboratory of the Moscow Aviation Institute (Imeni Sergo Ordzhonikidze (MAI)).

The experiments are titled as follows:

Methods of determining the speed of an air current in a wind tunnel, calibrating a micromanometer; calibrating a nozzle; determining the velocity field in the working part of a wind tunnel; determining the distribution of pressure over the surface of a streamlined body; determining flow turbulence by measuring pressure drop over the surface of a sphere; determining the drag of a sphere and the initial flow turbulence of a wind tunnel; determining the lift, drag, and pitching moment of an airplane or wing on an aerodynamic balance; determining the drag of a turning body (fuselage).

Sum. 1345

MARTYNOV, A. K.

Also, testing an airplane model under longitudinal static stability; testing models of horizontal tail groups to determine the hinging moment of elevators; finding the flow deviation angle and the braking coefficient of tail groups; determining the true static stability of an airplane model; investigating velocities in the boundary layer of a wing; determining the M number of supersonic flow in a wind tunnel and local M numbers on the surface of a wing; obtaining the flow spectra of a wing in a smoke tunnel; finding the profile drag of a wing by the pulse method; testing a propeller operating in place; and determining the characteristics of a propeller in a head-on wind. (U)

SYM. 1345

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Martynov, Apollinariy Konstantinovich

Ekspperimental'naya aerodinamika (Experimental Aerodynamics) 2nd ed., rev. Moscow, Oborongiz, 1958. 348 p. 9,000 copies printed.

Reviewer: Putyata, V. I., Candidate of Technical Sciences; Ed.: Kotlyar, Ya.M., Candidate of Technical Sciences; Ed. of Publishing House: Bogomolova, M.F.; Tech. Ed.: Rozhin, V. P.; Managing Ed.: Sokolov, A. I., Engineer.

PURPOSE: The book is intended for students of advanced courses at aeronautical institutes and will be useful also to engineers and technicians in factories, design offices, and scientific-research institutes.

COVERAGE: The fundamental problems of experimental aerodynamics are discussed. The book considers consecutively the physical properties of the air, the fundamental theories of airflow, the laws of aerodynamic similitude, methods of measuring aerodynamic forces, moments, pressures and flow velocities, the aerodynamic characteristics of wings and of complete airplanes. The book was written in accordance with the program approved for aeronautical

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Experimental Aerodynamics

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institutes by the Ministry of Higher Education of the USSR. Certain sections of the book have been developed primarily with a view to facilitate self-study of the material. The author thanks V. I. Putyata, Candidate of Technical Sciences, and Ye. K. Fedorov, Docent, for their review of the present edition, and Y. M. Kotlyar for valuable editing advice. There are 18 Soviet references, including 5 translations.

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MARTYNOV, A.M.

AUTHOR: ZIMMERMAN R P KRYYSHEV G.M. MARTYNOV, A.M. (Leningrad)
 TITLE: A Parametric Generator
 (Parametricheskii generator) Russian,
 PERIODICAL: Elektrichestvo 1957 Nr 1 pp 69 - 71 (U.S.S.R.)
 Received 6 / 1957 Reviewed 7 / 1957
 ABSTRACT: The parametric 3PG generator finds its practical application as a power supply source for radio technical and other installations with an output from several dozen to several hundred watts. It is an A.C. machine whose ferromagnetic rotor exhibits its own cogged form and which has no windings. The 3PG generator forms its own group of machines. The selfregulation of the generator is investigated and then the working characteristics. The greatest interest for the practical application of the 3PG is its use as a single phase current source with raised frequency in connection with an effective load. The peculiarity of the 3PG with a given torriorial moment is that by reducing the effective load P_e hardly changes its speed at all. The output consumed by the generator, however, appears in itself as loss. The 3PG is very simple in its construction which guarantees its dependability in action. It is practical to use the generator under a work load as a current source of less output (10 - 200 W) with a raised frequency of 400 to 2000 Cycles. A valuable attribute of this generator is the possibility of its application in some

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A Parametric Generator

PA 1000

tion with hard to regulate systems. In these cases the JPS generator makes it possible to maintain a sufficiently stable voltage by modifying the load from zero to a nominal value (with 6 illustrations).

ASSOCIATION: Not given
PRESENTED BY:
SUBMITTED: 29.10.1956
AVAILABLE: Library of Congress

Card 2/2

MARTYNOV, A.M.

Comparison of the accuracy of tracing the relief of flat plain
areas on the STD-2 and the SPR-2. Geod.i kart. no.10:34-36
0 '62. (MIRA 15:12)
(Photographic surveying—Equipment and supplies)

S/270/63/000/002/008/020
A001/A101

AUTHOR: Martynov, A. M.

TITLE: Application of aerophotogeodetic methods to projecting canals of a drainage network

PERIODICAL: Referativnyy zhurnal, Geodeziya, no. 2, 1963, 20, abstract 2.52.144 ("Tr. Mosk. in-ta inzh. zemleustroystva", 1962, no. 16, 3 - 13)

TEXT: The author proposes to conduct aerial photosurvey on scales 1:5,000 - 1:10,000 at $f_k = 70$ or 55 mm for projecting the canals of a drainage network. Each stereopair is secured by six double points, or the point heights are taken from maps of the 1:25,000 - 1:50,000 scale. The canals are projected on a topographic stereometer after orientation of photographs with an error up to $\pm 0.05 - 0.06$ mm. In plotting lengthwise profiles of canals on the topographic stereometer, longitudinal parallaxes of characteristic points are measured, and their elevations are calculated. The values of adjustment elements of the stereometer are calculated from the differences between the geodetic and photogrammetric heights of reference points, and corresponding corrections are in-

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Application of aerophotogeodetic methods to...

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A001/A101

roduced to other points by means of interpolation. The author presents the results of a work, performed by this method, which reduced the costs by a factor of 1.7. There are 7 references.

I. Mityachkin

[Abstracter's note: Complete translation]

Card 2/2

GEBLER, I.V.; MARTYNOV, A.M.; SEVERIN, B.M.; SMOL'YANINOV, S.M.

Effect of pressure and moisture on the properties of peat as
a metallurgical fuel. Torf.prom. 36 no.8:16-20 '59.
(MIRA 13:3)

1. Tomskiy politekhnicheskii institut.
(Peat)

standard enthalpy of aluminum-fluoride... 3,072/0 /006/012/001, 001
B110/B147

particle size of the AlF_3 - Al mixture (Al excess: 5% - 10%) was 10-15 μm . The bomb was filled with Ar ($p = 10$ atm) at 50°C, the bomb was cooled to (1) was -117.7 $\pm$ 0.6 kcal/mole. The assumption in the reaction is that incomplete or that side reactions took place, giving rise to a lower value. Impurities in Ar, however, are not likely to be the cause. The cause for inaccuracy (± 0.6 kcal/mole) is not clear. It is possible that the bomb was not cooled to the required temperature. Inaccuracy is also possible due to the sources. The ΔH of (1) obtained by the authors in 14 experiments was -117.7 $\pm$ 0.6 kcal, ΔH obtained by Gross et al. in 6 experiments was -117.7 $\pm$ 0.6 kcal. $\Delta H_{\text{form}}^{\circ} \text{AlF}_3 = -327.5$ kcal/mole was calculated from (1) determined, and from $\Delta H_{\text{form}}^{\circ} \text{Al} = -12.5$ kcal/mole with a probable accuracy of ± 1 kcal/mole. The slight deviation from the value calculated by Gross et al. is explained by the use of another $\Delta H_{\text{form}}^{\circ} \text{Al}$ value. There is a reference to the work of Gross et al. in the literature. The most recent reference to Gross et al. is in the work of Gross, C. Hayman, D. L. Levi, Trans Faraday Soc., 66, 1970, 1971.

Card 2/3

Submitted by: *[Signature]*
 Date: *[Date]*
 Title: *[Title]*
 Author: *[Author]*
 Institution: *[Institution]*
 Address: *[Address]*
 City: *[City]*
 State: *[State]*
 Country: *[Country]*
 Submitted: *[Date]*

KOLEBOV, I. I., NIKOLAY, I. I., PETER, I. I., KOTIK, I. I.

Standard enthalpy of formation of 1,1-dichloroethane
trichloroethylene. *Int. J. Chem. Kinet.* 1974, 6, 107-110.
MOSKOVSKY, I. I. *Moskovskiy gosudarstvennyy universitet*
i. Moskovskiy gosudarstvennyy universitet.

KOLESOV, V.P. ; MARTYNOV, A.M., SKIRATOV, S.M.

Standard enthalpy of formation of 1, 1, 1-trifluoroethane, $\Delta_f H^\circ$,
fiz. khim. 39 no.2:435-437, 1965.

1. Moskovskiy gosudarstvennyy universitet, khim. fak. 1965.

01 12-7-58, 1-2.

Industry).

MARTYNOV, A. I.

"Calculation of Magnetic Saturation in Salient-Pole Synchronous
Machines." Sub 23 Nov 51, Moscow Order of Lenin Power Engineering
Institute V. M. Volotov

Dissertations presented for science and engineering degrees in
Moscow during 1951.

SC: Sum. No. 426, 9 May 55

1. ZHITOMIRSKIY, O. R.; MARTYNOV, A. N.
2. USSR (600)
4. Petroleum Industry
7. Comentary on the article by A. N. Glazkov and N. X. Movsesov "Problems in planning and construction of electric power supply to the petroleum industry. energ.biul. no.7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

MARTYNOV, A. N.

Electrical Engineering Abstracts
May 1954
Machines.

Ivanov Power Eng. Inst. in Leningrad

1953. Improvement of the method of calculating the no-load characteristics of salient-pole synchronous machines. A. N. MARTYNOV. *Elektrichestvo*, 1954, No. 1, 34-41. In Russian.

An investigation and comparison of the normal Russian methods of calculating the no-load characteristics, particularly where the determination of fundamental and third harmonic and the resultant flux with consideration of saturation of the stator steel are concerned. More generally useful curves for the determination of the amplitudes of the fundamental and third harmonic of the field and of the resultant flux as functions of the saturation are presented which permit a more accurate prediction of the no-load characteristics of salient-pole alternators. The method presented has marked advantages over Richter's and Wiesemann's procedures and correctly considers the flattening of the field curve under the influence of the saturation of the stator iron.

B. F. KRAL'S

MARTYNOV, A.N., inzh. lesnogo khozyaystva (Leningrad)

Using arboricides. Zashch. rast. ot vred. i bol. 9 no.8:23 '64.
(MIRA 17:12)

1. The first part of the document is a

17. The second part of the document is a
18. The third part of the document is a
19. The fourth part of the document is a

AKHUNOVA, Tursunoy, Teroy Sotsialisticheskogo Truda; ZAKHAROV, Stanislav Antonovich; LAKHNOV, Aleksey Mikiforovich; STEPANOV, M.A., nauchn. red.; TOCHILINA, L.V., red.

[Technology of cotton growing and harvesting] Tekhnologiya
vozdelывaniya i uborki khlopchatnika. Moskva, Vysheina
shkola, 1964. 117 p. (MIRA 1274)

1. Kolkhoz imeni Kirova Yendiyul'skoy polkovnoy upravleniya (for Akhunova)

OVSIKHCHER, Petr Il'ich; KOCHKINA, Nadezhda Nikolayevna; SHATS, S.Ya.,
kand. tekhn. nauk, retsenzent; MARTYNOV, A.P., inzh., retsenzent;
SUKHOMEKHOV, V.P., nauchnyy red.; CHICHKANOVA, V.S., red. izd-va;
KONTOROVICH, A.I., tekhn. red.; KRYAKOVA, D.M., tekhn. red.

[Handbook on transistor diodes and triodes] Spravochnik po polu-
provodnikovym diodam i triodam. Leningrad, Gos. soluznoe izd-vo
sudostroitel. promyshl., 1961. 239 p. (MIRA 14:8)
(Transistors—Handbooks, manuals, etc.)

ZINOV'YEV, Vladimir Andreyevich; MARTYNOV, A.P., red.; YEZHOVA, L.L.,
tekhn. red.

[Theory of mechanisms and machines] Teoriia mekhanizmov i ma-
shin. Izd.3., ispr. i dop. Moskva, Vysshaya shkola, 1963.
200 p. (MIRA 16:7)

(Machinery) (Mechanisms)

PENTKO VSKIY, Nikolay Ivanovich, prof.; MARTYNOV, A.P., red.;
VORONINA, R.K., tekhn. red.

[Collection of problems on the carrying out of construction work] Sbornik zadach po proizvodstvu stroitel'nykh rabot.
Moskva, Gos.izd-vo "Vysshaya shkola," 1963. 233 p.

(MIRA 16:10)

(Building—Problems, exercises, etc.)

KOZLOV, Nikolay Yakovlevich, inzh.; LEVANOV, Nikolay Mikhaylovich, dok.tekhn.nauk, prof.; POLUKHIN, Petr Ivanovich; KRASIL'NIKOV, Aleksey Nikolayevich; PANARIN, Nikolay Yakovlevich; FILIPPOV, Boris Ivanovich; MARTYNOV, A.I., red.; GOROKHOVA, S.S., tekhn.red.

[Technology of the manufacture of vibration rolled elements and their use in the construction industry] Tekhnologiya izgotovleniya vibroprokatnykh konstruksii i ikh primeneniye v stroitel'stve. Moskva, Vysshaya shkola, 1963. 310 p. (MIRA 17:4)

1. Nachal'nik Spetsial'nogo konstruktorskogo byuro Prokatdetal' (for Kozlov, Levanov).

MARTYNOV, A. P.; BATEKINA, Z. I.

Establishing norms for the consumption of materials when overhauling pipelines. Transp i khran nefti no. 11:36-39 '63.
(MIRA 17:5)

1. Nauchno-issledovatel'skiy institut po transportu i khraneniyu nefti i nefteproduktov.

STAROSILIN, Sergey Matveyevich; MARTYKOV, A.P., red.

[Safety measures in enterprises of the precast concrete
industry] Tekhnika bezopasnosti na predpriyatiyakh soor-
nogo zhelezobetona. Moskva, "Vysshaya shkola," 1964. 125 p.
(MIRA 11 6)

VOROB'YEV, Vasiliy Aleksandrovich, zasl. deyatel' nauki i tekhniki
RSFSR prof., doktor tekhn. nauk; Prinimali uchastiye:
MIKUL'SKIY, V.G., kand. tekhn. nauk, dots.; GORLOV, Yu.F.,
st. prepod.; MARTYNOV, A.P., red.; GARINA, T.D., tekhn.red.

[Laboratory manual for the general course on building
materials] Laboratornyi praktikum po obshchemu kursu ~~stro-~~
itel'nykh materialov. Moskva, Vysshaia shkola, 1964. 297 p.
(MIRA 17:4)

LENSKIY, Vasilii Alekseyevich; IAVLOV, Vasilii Ivanovich [deceased];
ABRAMOV, N.N., retsenzent; ZHUKOV, A.I., retsenzent;
YAKOVLEV, S.V., retsenzent; LOBACHEV, P.V., retsenzent;
REZVIN, Ye.Ye., retsenzent; TIKUNOV, M.S., kum. tekhn. nauk,
red.; MARTYKOV, A.I., red.

[Water supply and sewerage] Vod. snabzhenie i kanalizatsiia.
Izd. 5., per. r. i do. Moskva, Vysshaya shkola, 1964. 386 p.
(MirA 17:10)

IVANOV, Mikhail Nikolayevich, doktor tekhn. nauk, prof.; LEBEDEV
D.A., prof., retsenzent; PARTYNOV, A.I., red.; PALEEV,
I.I., red.

[Machine parts; Detail mashin. Moskva, Vysshaia shkola,
1964. 446 p. (MIRA 18:1)]

VOROB'YEV, Vasilii Aleksandrovich, zasl. deyatel' nauki i tekhniki
doktor tekhn. nauk prof.; Prinimali uchastiye: FEDOSEYEV,
G.P., kand. tekhn. nauk, dots.; ANDRIANOV, A.A., kand.
tekhn. nauk; KOSHKIN, V.G., nauchn. sotr., kand. tekhn. nauk
retsenzent; MARTYNOV, A.F., red.

[Principles of the technology of plastic building materials]
Osnovy tekhnologii stroitel'nykh materialov iz plastiches-
skikh mass. Moskva, Vysshaia shkola, 1965. 323 p.

(MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh
stroitel'nykh materialov (for Koshkin).

BOBKOV, Anatoliy Sergeyevich, kand. tekhn. nauk, dots., Tikhom.
V.A., prof. [deceased, respondent, MALTYN, A.I.; res.

[Principles of the construction of industrial buildings
and structures for the chemical industry] Osnovy stroitel'
stva promyshlennyykh zdaniy i sooruzheniy khimicheskoy pro-
myshlennosti. Moskva, Vysshaya shkola, 1965. 200 p.
(MIRA 127)

WYNN, J. . .

[illegible]

NESTERENKO, Aleksey Vladimirovich, doktor tekhn. nauk, prof.;
MARTYANOV, A.P., red.

[Fundamentals of thermodynamic calculations for ventilation and air conditioning] Osnovy termodinamicheskikh raschetov ventilatsii i konditsionirovaniia vozdukha. Moskva, Vysshaya shkola, 1965. 394 p. (MIRA 18:8)

SERDYUKOV, P. I., Eng., MARTINOV, A. G.

Rolling-Mill Machinery

Twenty nine-roller straightening machine. Inst. mash., 36, no. , 1961.

Monthly List of Russian Accessions, Library of Congress, October 1960. Inst. mash.

MARTYNOV, A. S.

USSR/Nuclear Physics - Meson scattering

FD-1045

Card 1/1 Pub. 146-3/25

Author : Martynov, A. S.

Title : Scattering of mesons on nucleons in the theory of radiative damping

Periodical : Zhur. eksp. i teor. fiz. 26, 267-290, March 1955

Abstract : The author demonstrates that taking into account of radiative damping improves qualitatively the picture given by the theory of perturbations in the first nonvanishing approximation (appearance of characteristic maxima in the energy behavior of the total cross-section etc.), but all the same does not explain quantitatively the experimental data. He thanks Prof. M. A. Markov and A. M. Baldin for their advice and attention, and also I. A. Lebedeva and L. Ya. Zhil'taova for their numerical computations. Thirteen references, two USSR: G. F. Zharkov, *ibid.*, 27, 296, 1954; V. P. Silin and V. Ya. Faynberg, *Usp. fiz. nauk*, 50, 325, 1953.

Institution: Physics Institute im. P. N. Lebedev, Academy of Sciences USSR

Submitted : March 9, 1954

GRIGAS, V.A.; GEYER, D.M.; SHENDEROV, A.I.; Martynov, A.S.

Walking, movable equipment. Gor. zhur. no.2:76 F '65.

MIRA 244

SUKHININ, P.L., prof.; PUSANOV, S.A., prof.; VIL'FANOV, I.I., prof.;
 BOLLINSKIY, I.I., doktor; VIL'FANOV, I.I., prof.; SHCHERBAKOV,
 prof.; LIPSKIY, doktor; GOL'DBERG, F.I., doktor; VOZNESEVSKIY,
 VOZNESEVSKIY, Ye.V., doktor; MARTYNOV, A.T., doktor; KOTLOV,
 KOTOV, I.A., doktor; SKATIN, L.I., doktor; PIKOVSKIY, I.I., doktor;
 dotsent; SMIRNOVA, Ye.S., doktor; SMOLYANNIKOV, A.V., dotsent;
 UKHANOVA, N.V., doktor; PETROV, P.A., prof.

Discussions at the session. Trudy Inst. im. N.I. Pirogova, 1963,
 278-303.

1. I gorodskaya bol'nitsa imeni Lenina, Saratov (for ...).
2. Kafedra gosital'noy khirurgii lechennogo fakulteta
 Gor'kovskogo meditsinskogo instituta (for ...).
3. Gosudarstvennyy onkologicheskiy institut imeni ...
 Moskva (for Smirnova).

RUDAKOV, Ya.D., inzh.; SHEVCHENKO, Ye.M., inzh.; MARTYNOV, A.V.

Use of the scavenging slime of clarifying agents for neutralizing
the acid waters of chemical desalting systems. Elek. sta. 32
no.12:59-60 D '61. (MIRA 15:1)

(Feed-water purification)

RUDAKOV, Ya. D., inzh.; MARTYNOV, A. V., inzh.; KUZNETSOVA, V. V., inzh

Admixture of caustic magnesite in burning mazut. Elek.sta. 32 no.9:
29-31 S '61. (MIRA 14:10)

(Boilers—Incrustations)
(Petroleum as fuel)

RUDAKOV, Ya.D., inzh.; MARTYNOV, A.V., inzh.; RUZNETSOVA, V.V., inzh.

/ Fuel oil department of a thermal electric power plant. Energetik
11 no. 4:11-13 Ap '63. (MIRA 16:3)
(Electric power plants)
(Petroleum as fuel)

MARTYNOV, A. V.

MARTYNOV, A. V. -- "On the Local Boundless Divisibility of the Markov Processes."
*(Dissertations For Degrees In Science and Engineering Defended
at USSR Higher Educational Institutions) (29) Moscow Order of
Lenin and Order Labor Red Banner State U imeni M. V. Lomonosov,
Mechanical-Mathematical Faculty, Moscow, 1955

SO: Knizhnaya Letopis' No 24, 16 July 1955

* For the Degree of Candidate in Physicomathematical Sciences

AUTHOR MARTYNOV A.V. PA - 3035
 TITLE On the Locally Unlimited Divisibility of the MARKOV Processes.
 (O lokal'noy bezgranichnoy delimisti Markovskikh protsessov.-
 Russian)
 PERIODICAL Doklady Akademii Nauk SSSR 1957, Vol 113, Nr 4, pp 752-755
 (USSR).
 Received: 6/1957 Reviewed: 7/1957
 ABSTRACT As is known, the MARKOV processes, which are homogeneous with
 respect to space and time are unlimitedly dividable, i.e. the
 logarithm of the characteristic function of the transition
 probability of such a process is represented by the formula of
 LEVI-HINCHIN. The present paper applies a variety of this fact
 to the stochastic processes of the general type, as e.g. to
 MARKOV processes which are inhomogeneous with respect to
 space and time.
 First, the conceptions of the differentiability from the right
 and the differentiability from the left of the totality of the
 distribution functions are defined. The present paper gives
 some theorems and corollaries, as e.g.:
Theorem 1: If the totality of the distribution functions
 $\{P(t, x)\}$ with the parameter $t \in T$ at the point t_0 is different-

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PA - 3035

On the Locally Unlimited Divisibility of the MARKOV Processes.

Theorem 2: deals with the necessary conditions for the right- and left-side differentiability of $P(t, x, y)$ with respect to the parameter $t \in T$.

Theorem 3: deals with the demands made on smoothness, which are to be imposed upon the transition distribution functions of a MARKOV process for the purpose of warranting the differentiability of this process in the case of homogeneity with respect to time.

Theorem 4 is a generalization of the formula by LEVI-CHIVITTA for spatially inhomogeneous processes.

Altogether seven theorems are given

(No Illustrations)

ASSOCIATION:

PRESENTED BY: A.N. KOLMOGOROV, member of Academy, 30.10.1956.

SUBMITTED: 22.10. 1956.

AVAILABLE: Library of Congress.

CARD 3/3

AUTHOR: Martynov, A.V.

SOV/115-58-1-29/50

TITLE: An Installation for Checking the AIT Apparatus (Ustanovka dlya poverki apparatov tipa AIT)

PERIODICAL: Izmeritel'naya tekhnika, 1958. Nr 1. p 57 (USSR)

ABSTRACT: The article describes and illustrates a stationary check installation for "AIT" apparatus ^{designed} by the author and used by the Electrical Measurement Laboratory of the Khar'kov State Institute of Measures and Measuring Devices (KhGIMIP). This new installation eliminates the assembling of many different connection diagrams for revealing the errors in the separate measuring parts of transformers as the directive "183-54" of the Committee of Standards Measures and Measuring Devices requires. It checks 11 different functions. There is 1 diagram.

1. Recording devices--performance
2. Measurement--equipment
3. Transformers--Analysis

Card 1/1

MARTYNOV, A.V.

Weakly continuous semigroups of operators. Trudy Sem. po funk.
anal. 4, no. 3/4:103-114, 160.
(Operators (Mathematics)) (Topology) (MIRA 14.10)

GONCHAROVA, I. P. (Voronezh); MARTYNOV, A. V. (Voronezh)

A practical method for the automatic selection of scales in
solving systems of ordinary differential equations. Zhur.
vych. mat. 1 mat. fiz. 2 no.5:921-924 S-O '62.
(MIRA 16:1)

(Programming(Electronic computers))
(Differential equations)

35319

S/103/62/023 102
D230/D301

16 6800/1250, 1327, 1329, 2403/

AUTHORS: Kosarev, A. A., Martynov, A. V., and Yakunich, L. I.
(Voronezh)

TITLE: A method of calculating complex roots of algebraic equations by means of a simulator

PERIODICAL: Avtomatika i telemekhanika, v. 27, no. 1, 1964, p. 165-168

TEXT: A method is proposed for determining all complex roots without a shift in the level, distortion or readjustment of the variables. The results thus obtained have adequate accuracy. The scaling of the variables, an important factor in simulating, is examined and certain recommendations are made. The method is developed on the basis of the equation $x^n + a_1x^{n-1} + \dots + a_n = 0$; all complex roots are found by means of a simulator of a general form. Boundaries defining the root distribution for the model equation and regions of calculating areas are discussed. Using the method proposed it is necessary that in evaluating complex root values the real quantities be Card 1/2

A method of calculating complex ...

S/104/62/1

D240/D301

found first, for this purpose another method is developed with which real roots can be found using simulators. The existence of a method scale considerably improves the root determination accuracy. The time taken to evaluate all complex roots of the form of $100 + j100$ above was 20 mins. The more important circuit parameters are considered in detail. The method is exemplified on a number of applications and special cases for which the maximum errors are of the order of 9 % for the real part, and 10 % for the imaginary part. There are 10 references: 7 Soviet-bloc and 3 non-Soviet-bloc. The references are to the English-language publications read as follows: "S. S. Shcheglov, J. Riordan, Mathematical Tables and Other Aids to Computation, VII, no. 41, January 1953, R. Serrell, E. Goldberg, Polynomial Equation Solver, Radio Corporation of American Office Gazette, no. 3, no. 3.

SUBMITTED: June 31, 1961

Card 2/2

BRODYANSKIY, V.M., kand.tekhn.nauk; MARTYNOV, A.V., inzh.

Method for the thermodynamic analysis of losses in a steam ejector cooling system. Izv.vys.ucheb.zav.; energ. 5 no.5:76-83 My '66.
(MLAA 15.5)

1. Moskovskiy ordena Lenina energeticheskoy institut.
(Refrigeration and refrigerating machinery)

ERODYANSKIY, V.M., kand.tekhn.nauk; MARTYNOV, A.V., inzh.

Thermodynamic analysis of losses in a steam-ejection refrigeration system. Izv.vys.ucheb.zav.; energ. 5 no.11:74-83 N '62.
(MIRA 15:12)

1. Moskovskiy ordena Lenina energeticheskiy institut.
(Refrigeration and refrigerating machinery)

Z/019/63/020/002/002/006
E073/E335

AUTHORS: Kofman, L.M., Rudakov, Y.D., Martynov, A.V.,
Fisher, N.A. et al

TITLE: Increase in the steam super-heating temperature and
its regulation in a fuel oil-fired boiler by
recirculating the flue gases

PERIODICAL: Energetika a elektrotechnika. Přehled technické a
hospodářské literatury, v. 20, no. 2, 1963, 63,
abstract E63-823 (Elektricheskiy stantsii, 33, no. 6,
1962, 14 - 17)

TEXT: Describes the adaptation of a boiler, originally
intended for burning hard coal, to take fuel oil. A higher
temperature of superheated steam, and its requisite regulation
were achieved by recirculating flue gases drawn from behind the
"additional" surfaces back to the hearth. Measurements on the
reconstructed boiler (with various degrees of recirculation)
confirmed the effectiveness of the adaptation. Three figures,
one table.
[Abstracter's note: complete translation.]

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ACCESSION NR: AR4042226

S/0124/64/000/006/B047/B048

SOURCE: Ref. zh. Mekhanika, Abs. 6B288

AUTHOR: Marty*nov, A. V.; Brodyanskiy, V. M.

TITLE: The Rank-Hilsch effect during high gas pressures

CITED SOURCE: Tr. Konferentsiya po perspektivam razvitiya i vnedreniya kholodil'n. tekhn. v nar. kh-vo SSSR, 1962. M., Gostopgizdat, 1963, 229-233

TOPIC TAGS: gas pressure, vortex tube, gas throttling, Rank Hilsch effect

TRANSLATION: Theoretically investigates work of a vortex tube (vortex refrigerator) in the region of high gas pressures. Clarifies influence of the throttling effect on temperature characteristics of a vortex tube. Shows that with an initial pressure of up to 6 atm (abs) with accuracy sufficient for practical calculations it is possible to disregard influence of throttling of gas on the vortex effect. However with increase of initial pressure from a definite moment the influence of throttling becomes practically noticeable. Therefore for gases, having a positive

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ACCESSION NR: AR4042226

Joule-Thomson effect ($\alpha_1 > 0$), the temperature effect with respect to a cold flow ($\Delta T_c = T_1 - T_c$) increases, and the temperature effect of a hot flow ($\Delta T_h = T_h - T_1$) decreases. Thus, for methane, with increase of initial pressure from 6 to 146 atm (abs), ΔT_c correspondingly increases from $\sim 35^\circ$ to $\sim 60^\circ$ (in the share of cold flow $\mu = 0.5$). Here ΔT_h simultaneously decreases from $\sim 34^\circ$ to 0° . Thus, with a value of μ smaller than a certain magnitude, the magnitude ΔT_h has a negative value, that is, the hot flow not only is not heated, but, to the contrary, is cooled. For gases having at normal temperature a negative Joule-Thomson effect (hydrogen, helium), throttling decreases the magnitude ΔT_c and increases ΔT_h . Assuming that with a subcritical and critical pressure drop expiration of gas from the nozzle of the vortex tube occurs with transonic or sonic speed, that distribution of tangential speeds of flow in the nozzle section is close to the law of revolution of a solid body, and that distribution of thermodynamic temperature in this section satisfies the law $T = \text{idem}$, the authors obtain a formula by which, with accuracy necessary for practical calculations, one can determine the magnitude of the temperature effect ΔT_c of a vortex tube

$$\Delta T_c = \Delta T_1 + \Delta T_t - \frac{\lambda(U_1^2 + U_2^2)}{2c_p}$$

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where ΔT_1 is lowering of temperature with isentropic expansion of gas from initial pressure to p_k , ΔT_t is lowering of temperature due to further throttling to p_k ; $\bar{U}_t$, $\bar{U}_a$ are, correspondingly, the mean values of tangential and axial speeds of cold flow. It is noted that values of the Rank-Hilsch temperature effect, obtained from this formula, sufficiently well coincide with experimental data both at low, and also at high gas pressures. There is conducted thermodynamic comparison of three processes of expansion of gas (throttling, expansion in vortex tube and expansion in a compressed gas machine). Shows that throttling in all cases is the least effective process. A vortex tube in efficiency is between the throttle and the compressed gas machine, it is 2.5 times as effective as the throttle. Notes that an essential advantage of vortex expansion before throttling is the fact that a vortex tube allows one to obtain, without application of machines, significant cooling of gases with a negative Joule-Thomson effect (hydrogen, helium). The greatest cooling of these gases can be reached with high initial pressures, using cascade expansion. Bibliography: 8 references.

SUB CODE: ME

ENCL: 00

Card 3/3

L 10692-63

ACCESSION NR: AP3001612

S/0064/63/000/004/0032/0036

AUTHOR: Brodyanskiy, V. M.; Leytes, I. L.; Martyanov, A. V.; Semenov, V. P.;
Rstrin, S. M.

TITLE: Application of vortex effect in chemical engineering

SOURCE: Khimicheskaya promyshlennost', no. 4, 1963, 32-36

TOPIC TAGS: vortex effect, vortex tube

ABSTRACT: A survey of what has been done up to now with respect to the application of the vortex effect in chemical engineering. Authors define vortex effect as the division of gas into cold and hot flows during its expansion in the vortex tube. Various types of vortex tubes are discussed. Authors made a number of tests wherein they checked the characteristics of a vortex tube at different pressures under production-line conditions. This tube had a 40 mm diameter, two right-angled nozzles with spiral inlets. Interchangeable diaphragms of 18, 20, and 22 mm were used. The gas temperature at the inlet was 34-40C. Gas expenditure was 840-460 normal cubic meters per hour. The results are summarized in graphs which are discussed in detail. Treatment is

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mathematical

BRODYANSKIY, V.M.; LEYTES, I.L.; MARTYNOV, A.V.; SEMENOV, V.P.;
ESTRIN, S.M.

Use of the vortex effect in chemical technology. Khim.
prom. no.4:272-276 Ap '63. (MIRA 16:8)

MARTYNOV, A.V., inzh.; BRODYANSKIY, V.M., kand. tekhn. nauk

Separation of gas mixtures in a vortex tube. Trudy MEI no.48:
148-150 '63. (MIRA 17:6)

KOLYSHEV, V.I.; SHCHERBA, N.V.; MARTYNOV, N.V., red.; GALAKTIONOVA,
Ye.N., tekhn. red.

[Manual for foremen of asphalt-concrete plants] Posobie
dlia mastera asfal'tobetonno go zavoda. Moskva, Dorizdat,
1952. 100 p. (MIRA 16:8)
(Asphalt concrete)

MARTYNOV, N.V.; SIMONENKO, P.K.; SHASHKOV, S.M.; BOLOGINA, N.I., redaktor;
GALAKTIONOVA, Ye.N., tekhnicheskiiy redaktor

[Computation of road machinery performance] Uchet raboty dorozhnykh
mashin. Moskva, Izd-vo dorozhno-tekhn. lit-ry Gushosdora MPS, 1953.
190 p. [Microfilm] (MLRA 7:10)
(Road machinery—Tables, calculations, etc.)

GRIGORENKO, Mikhail Grigor'yevich; KASIMOV, S.A.; KOZLOVSKIY, G.B.;
MARTYNOV, N.V.; MUSTAFIN, G.A.; NEMIROVSKIY, Ya.I.; FEYGIN, L.A.;
KRIMERMAN, M.N., inzhener, redaktor; MAL'KOVA, N.V., tekhnicheskii
redaktor

[Road building machinery] Dorozhnye mashiny. Moskva, Avtotransizatsiya
Ministerstva avtomobil'nogo transporta i shosseinykh dorog SSSR.
Pt. 2. 1954. 283 p. (MLRA 8:2)
(Road machinery)

MARTYNOV, N.V.; ZAVADSKIY, Ye.I.

Mobile greasing station. Avt.dor.18 no.1:23-24 Ja-F '55.
(Road machinery)

(MIRA 8:4)

MARTYNOV, N.V.

Speed up the over-all mechanization of cotton growing. Trakt. i
sel'khoz mash. 31 no. 5:2-3 My '61. (MIKA 14:5)

1. Predsedatel' Soveta narodnogo khozyaystva Uzbekskoy SSR.
(Cotton machinery)

PIKOVSKIY, Ya.M., kand. tekhn. nauk; VASIL'YEV, A.A., inzh.,
retsenzent; MARTYNOV, N.V., inzh., retsenzent; MARTYNOV,
N.V., inzh., red.; TOPOL'NITSKAYA, L.F., inzh., red.

[Operating road machinery] Ekspluatatsiia dorozhnykh mashin.
Moskva, Izd-vo "Transport," 1964. 374 p. (MIRA 17:4)

BROVERMAN, Feokist Georgiyevich; MARTYNOV, Nikolay Yakovlevich;
SHAKHOVA, L.I., red.; PEREDERIY, S.P., tekhn. red.

[Training electricians to service equipment in mines for
automatic control, CTC, and communication] Podgotovka shakht-
nykh elektroslesarei po obsluzhivaniyu sredstv avtomatizatsii,
STsB i svyazi. Moskva, Proftekhizdat, 1962. 91 p.

(MIRA 16:4)

1. Direktor tekhnicheskogo uchilishcha No.15 goroda Gorlovki
(for Martynov). 2. Zamestitel' direktora po uchebno-
proizvodstvennoy rabote tekhnicheskogo uchilishcha No.15
goroda Gorlovki (for Broverman).

(Mine railroads--Signaling--Centralized traffic control)

(Mine communications) (Automatic control)

MARTYNOV, O.V.; USTYUZHANIN, V.N.; NECHAYEV, L.S.; GORLOV, S.M.

Smelting and continuous pouring of steel 20 in ingots with a
cross section of 280x320 mm. Metallurg 8 no.12:13-15 D '63.
(MIRA 17:4)

1. Novotul'skiy metallurgicheskiy zavod.

MARTYNOV, P., tekhnik

New developments in the lumber yard. Mast. ugl. 8 no.5:14
My '59. (MIRA 12:8)

1. Belovskoye stroitel'noye upravleniye, Kuzbass.
(Coal mines and mining--Equipment and supplies)

MARTYNOV, P.; LUSHNIKOV, O., inzh., VASIL'YEV, N.; BEKHTEREV, Yu.;
~~RUPANOV, G.~~

Behind the gates of service stations. Za rul. 18 no.6:14-16
Je '60. (MIRA 13:8)

1. Sotrudnik Gosavtoinspektaii (for Martynov). 2. Sotrudnik
Moskovskogo inzhenerno-ekonomicheskogo instituta im. Sergo
Ordzhonikidze (for Lushnikov).
(Moscow--Service stations)

MARTYNOV, P.

Soilless culture of plants. Tekh.mol. 28 no.5:4,19 '60.

(MIRA 13:7)

(Plants, Soilless culture of)

ARKHANGEL'SKIY, P.Ye., inzhener; ARKHIPOV, P.P., inzhener; VAS'KOV, M.P.,
 agronom; ZHMUDSKIY, D.A., arkhitekt; IVANOV, A.P., arkhitekt; KIBI-
 REV, S.F., arkhitekt; KRYLOV, N.V., inzhener-arkhitekt; ZULAEV,
 D.V., arkhitekt; MARTYNOV, P.F., inzhener; NIKIFOROV, V.S., inzhener;
 NOSKOV, B.G., arkhitekt; PETUKHOV, B.V., kandidat tekhnicheskikh nauk;
 RUDANOV, M.L., kandidat tekhnicheskikh nauk; RYAZANOV, V.S., kandidat
 arkhitektury; SOKHRANICHEV, N.S., inzhener-arkhitekt; TARASOV, D.I.,
 arkhitekt; SHMIDT, N.E., kandidat arkhitektury; KHOMUTOV, Ye.Ye.,
 arkhitekt; VOL'POVSKAYA, V.N., redaktor; FEDOTOVA, A. F., tekhniche-
 skiy redaktor.

[Handbook on the construction of farm buildings] Spravochnik po sel'sko-
 khoziaistvennomu stroitel'stvu. Avtorskii kolektiv: P.E. Arkhangel'skii
 i dr., avtor-sost. N.V. Krylov. Moskva, Gos. izd-vo sel'khoz. lit-ry. Vol. 3
 1955. 843 p. (Farm buildings) (MLRA 9:6)

FRIDKIN, A.Ya., inzh.; MARTYNOV, P.F., inzh.

Crane tracks on reinforced concrete crane girders. Prom. stroi. 40
no.2: 44-46 '62. (MIRA 15:7)

(Beams and girders) (Cranes, derricks, etc.)

MARTYNOV, P.I.

Migration of the Baikal hair seal into the Upper Angara River.
Kraeved. sbor. no.6:109-110 '61. (MIRA 15:2)
(Upper Angara River—Seals (Animals))

MARTYNOV, P.I.

Several data on the economics of seal fisheries on Lake baikal.

Trudy BKNII no.5:154-163 '61.

(MIRA 18:2,

1. MARTYNOV, P. Eng.
2. USSR (600)
4. Kilns
7. How to use liquid fuel for burning brick, tile and lime in ground-type kilns.
Sel'. stroi. 2 no.5, 1947
9. Monthly list of Russian Accessions, Library of Congress, March 1953, Unclassified

1. MARTYNOV, P., Eng.
2. USSR (600)
4. Portland Cement
7. Producing portland cement locally. Sel'stoi. 3 no. 3, 1947.
9. Montly List of Russian Accessions, Library of Congress, March 1943. Unclassified.

MARTYNOV, ENG. P. T.

Furnaces

Redesigning the boiler cinder bin. Rab. energ. 2 no. 8, 1952

9. Monthly List of Russian Accessions, Library of Congress, November ² 195~~5~~, Uncl.

MARTYNOV, P., inzhener.

Use of fuel waste products in kilning bricks, tiles, and lime in ground-type
furnaces. Sel'.stoi.8 no.6:21-23 N-D '53.

(MLRA 6:11,

(Kilns)

MARTYNOV, Pavel Timofeyevich; NOVIKOV, G.M., inzhener, nauchnyy redaktor;
BEGAK, B.A., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[Building with adobe materials in the areas of reclamation of virgin
and idle lands] Stroitel'stvo iz glinosyrtsovykh materialov v raio-
nakh osvoeniia tsolinnykh i zaleznykh zemel'. Moskva, Gos. izd-vo
lit-ry po stroit. i arkhitekt., 1954, 79 p. (MLRA 8:7)
(Building, Adobe)

MARTYNOV, P., inzh.

Using reed reinforcements in building. Sel'. stroi. 9 no.5:17-19

Ag '54.

(MIRA 13:2)

(Farm buildings) (Reed (Botany))

MARTYNOV, P.T., inzhener; RAZGIL'DEYEV, M.F., inzhener, redaktor;
MEDVEDEV, L.Ya., tekhnicheskij redaktor.

[Production of prefabricated concrete enclosures (sides) for hot-beds] Proizvodstvo sbornyykh betonnykh ograzhdenii (parubnei) parnikov. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekture, 1955. 26 p. (MLRA 8:8)

1. Russia (1917- R.S.F.S.R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. Tekhnicheskij otdel.
(Hotbeds)